

King County DNRP Water Quality Index

STATION **F321** WATER YEAR **2014**

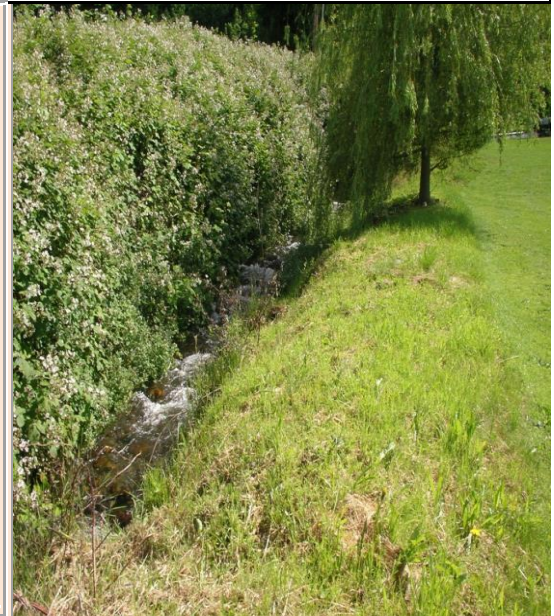
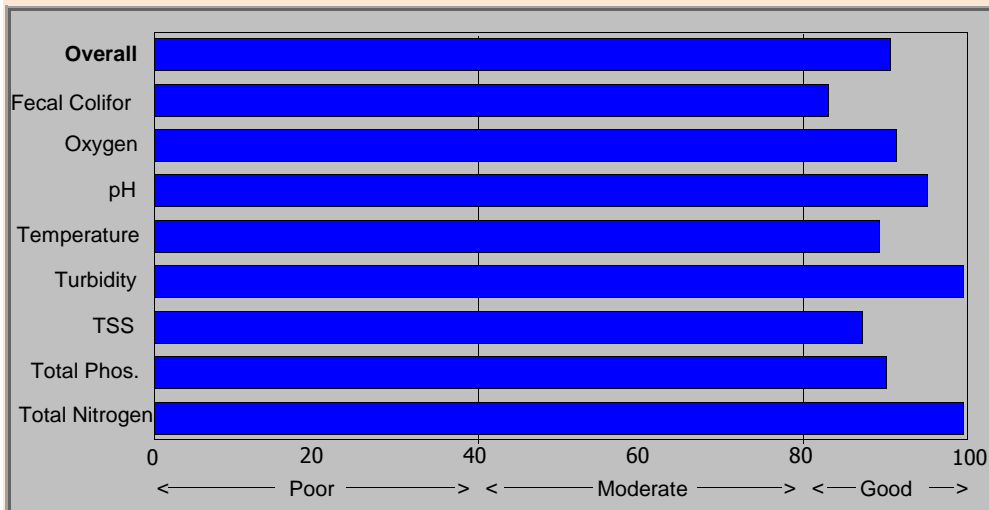
GAUGE # 40d1 Crisp Creek above Hatchery

Overall Index 91

King County monitors water quality in Crisp Creek at two locations. Station F321 is located upstream of the hatchery inflow near SE 348th and 215th Avenue SE. Routine monthly monitoring began at this site in 1993 and continued until 2008 when budget cutbacks reduced the breadth of King County's water quality monitoring program. In February of 2013, the collection of monthly water quality samples resumed at station F321. Crisp Creek originates from several groundwater springs and a 20-acre bog and runs three miles before reaching the Green River. The upper reaches of Crisp Creek are forested where the stream traverses through commercial timberlands. Downstream of the commercial timberlands the riparian area becomes wider with mostly deciduous trees.

Annual Water Quality Index Scores

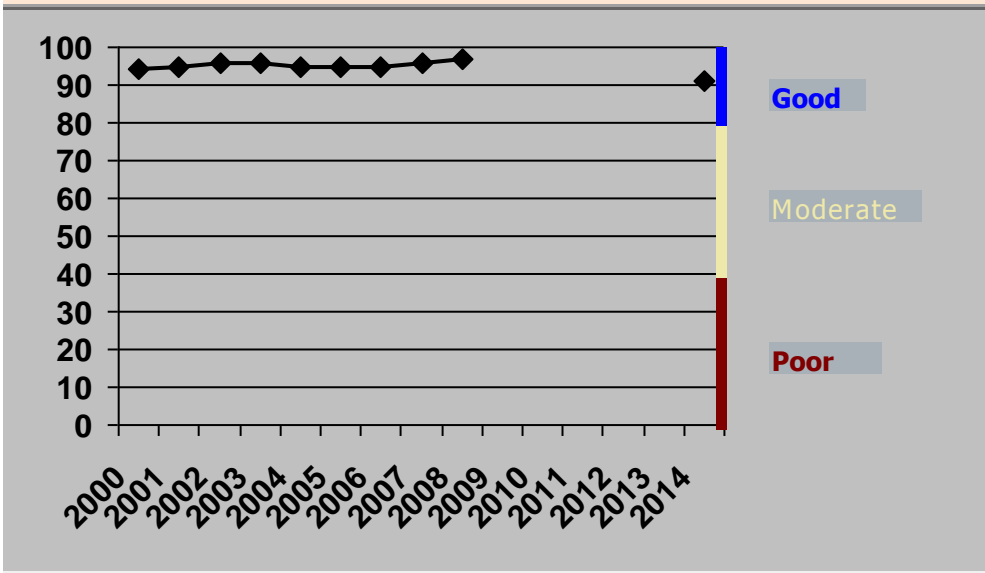
Water quality was GOOD based on data collected 10/1/2013 to 9/30/2014.



Monthly Scores For Water Year 2014

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
96	96	97	98	97	87	96	96	97	97	98	91

WQI Score Comparison By Water Year



About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>

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